

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	Lamoine Permit # 1875
Street or Road	SHORE ROAD	Date Permit Issued	12/6/17 Fee \$ 265 Double Fee Charged ()
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 394
OWNER/APPLICANT INFORMATION		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Name (last, first, MI)	BERGER, ALEXANDER	Fee: \$ 265	state min. fee \$ Locally adopted fee
Mailing Address of	102 STATE HIGHWAY 3 APT. 2	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	BAR HARBOR, ME. 04609		
Daytime Tel. #	(914) 393-7752	Municipal Tax Map # 3	Lot # 184
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
<i>[Signature]</i> Signature of Owner or Applicant		<i>[Signature]</i> Local Plumbing Inspector Signature	
Date 12/2/17		(1st Date Approved)	
		(2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
<input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
SIZE OF PROPERTY 19± sq. ft. <input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 2 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY TO BE <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	DISPOSAL FIELD TYPE & SIZE <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 800 sq. ft. <input type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW 180 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE 8 / C CONDITION at Observation Hole # 1 Depth 15" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input checked="" type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input checked="" type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44° 28' 29.2" N Lon. 68° 20' 58.6" W if g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT

I certify that on 10-13-17 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

[Signature]
Site Evaluator Signature
WILLIAM A. LABELLE, JR.
319
SE#
(207) 537-5900
10-20-17
Date
labelleseptic@rivah.net
E-mail Address

Site Evaluator Name Printed
Telephone Number
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation
LAMOINE

Street, Road, Subdivision
SHORE ROAD

Owner or Applicant Name
ALEXANDER BERGER

SITE PLAN

Scale 1" = 60 Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)

Douglas
Highway
Shore Road
0.10 MI.
SITE

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring
1/2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
LOAM TO SILT LOAM TO SILTY CLAY	FRIABLE COMPACTED	BROWN (10YR4/3) LIGHT OLIVE BROWN (2.5Y 5/3)	N.E. FEW DISTINCT
DEPTH BELOW MINERAL SOIL SURFACE (inches)			
10			
20			
30			
40			
50			
Soil Profile <u>8</u>	Classification <u>C</u>	Slope <u>1 1/2</u> %	Limiting Factor <u>15</u> "
	Condition		Depth
			<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth

Observation Hole #2 ☒ Test Pit ☐ Boring
1/2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE SANDY LOAM TO LOAM TO VERY FINE DEAD SAND	FRIABLE COMPACTED	DARK YELLOWISH BROWN (10YR4/4) LIGHT OLIVE BROWN (2.5Y 5/4)	N.E. FEW FAINT
DEPTH BELOW MINERAL SOIL SURFACE (inches)			
10			
20			
30			
40			
50			
Soil Profile <u>17</u>	Classification <u>C</u>	Slope <u>1 1/2</u> %	Limiting Factor <u>18</u> "
	Condition		Depth
			<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth

Site Evaluator's Signature

319
S. E. #

10-20-17
Date

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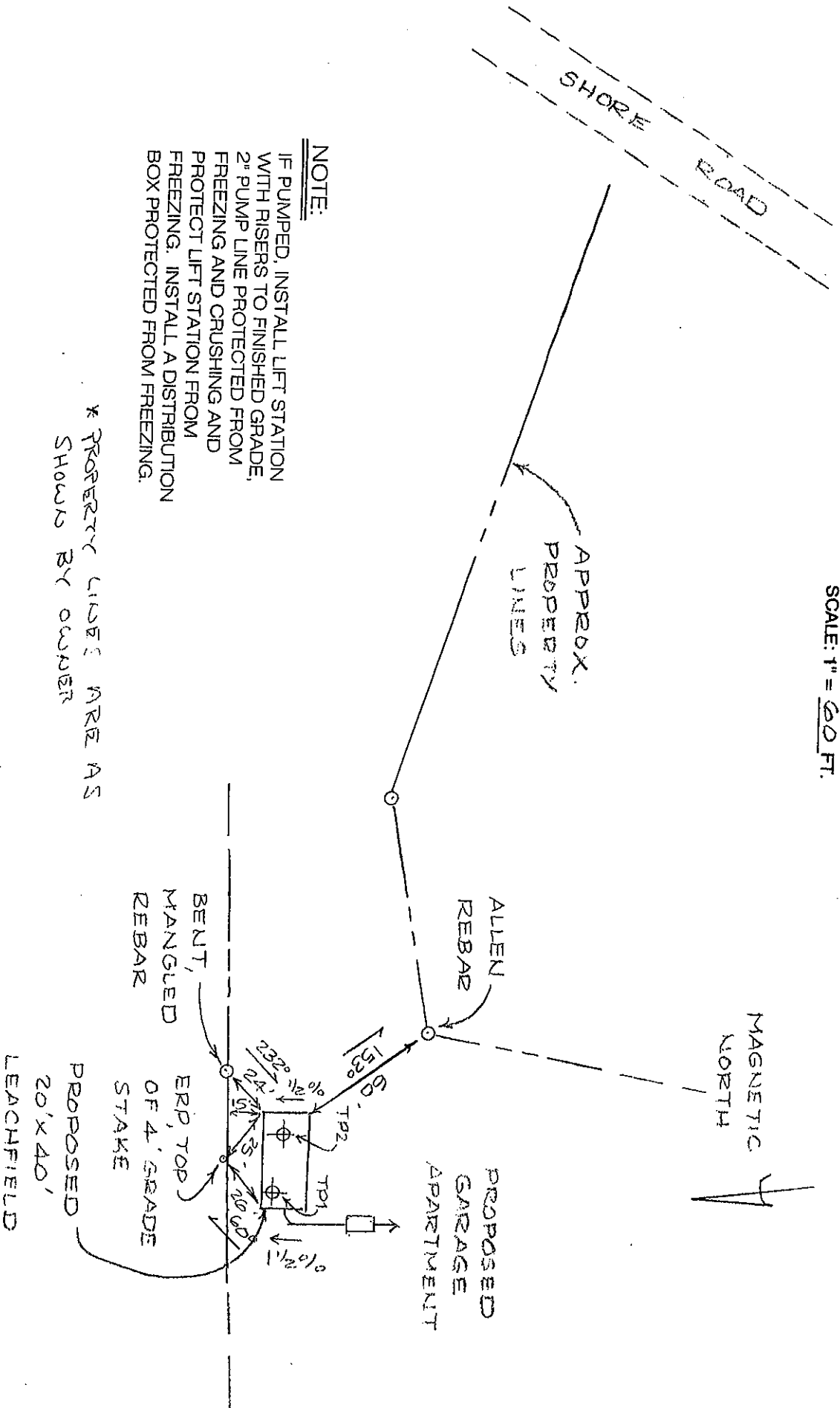
Town, City, Plantation
LA MOINE

Street, Road, Subdivision
SHORE ROAD

Owner or Applicant Name
ALEXANDER BEISER

SITE PLAN:

SCALE: 1" = 20 FT.



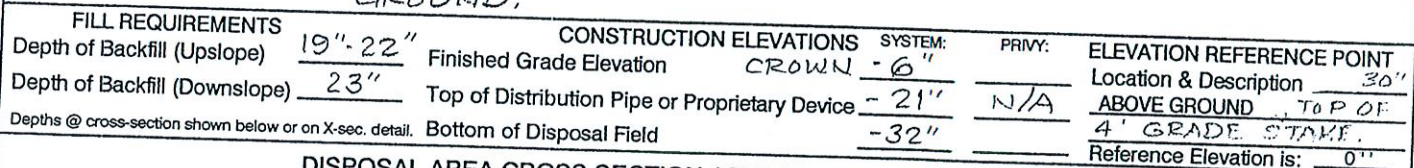
Site Evaluator's Signature

S.E. #

Date

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Owner or Applicant Name
ALEXANDER BERGER



NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation, frost wall or columns must be 20' minimum from edge of disposal field and slab on grade must be 15' minimum from edge of disposal field.

Date _____

DISPOSAL BED CROSS SECTION

3 FT.
WIDE
BERM

20 FT.

SCALE: 1" = 5'

3 FT.
WIDE
BERM

NOTE:

GRADE UPSLOPE TO DIVERT
SURFACE WATER AWAY FROM
SYSTEM, ALSO DOWNSLOPE,

(A)

FILL MATERIAL SHALL BE 8"-12" THICK
OVER STONE AND SHALL BE GRAVELLY
COARSE SAND TO THE STANDARDS IN
SEC. 11-E IN THE SUBSURFACE RULES.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F
PLACED OVER STONE.

FILL EXTENSIONS
NO GREATER THAN 4:1,
(25% SLOPE).

EXISTING GRADE
LIMITING FACTOR

REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA,
SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP):

0"

FINISHED GRADE:

-6" CROWN

TOP OF DISTRIBUTION PIPE:

-21"

BOTTOM OF STONE:

-32"

BOTTOM OF STONE MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.

4" PERF. PIPE,
TYPICAL

TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER, SEED
AND MULCH TO PREVENT EROSION,
SEC. 11-G.

FILL EXTENSIONS
NO GREATER THAN 4:1,
(25% SLOPE).

12" CLEAN STONE,
(1 1/2" DIA.),
UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN, COARSE, SHARP SAND INTO
TOP 6 INCHES OF ORIGINAL SOIL TO
CREATE A TRANSITION ZONE, SEC. 11-B.

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRATOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

OWNER: ALEXANDER BERGER
LOCATION: LAMOINE

DOC17

William A Labelle, Jr.

S.E.#

319

DATE

10-20-17